

# General Environmental Incident Summary

**Incident:** 3850      **Date/Time Notice:** 8/4/2015      **DEM Incident No:**  
**Responsible Party:** Roughrider Transportation, Inc.  
**Date Incident:** 7/10/2015      **Time Incident:** 0730      **Duration:** 3 hours  
**County:** Mercer      **Twp:** 143      **Rng:** 88      **Sec:** 25      **Qtr:**  
**Lat:** 47.17476      **Long:** -101.78500      **Method:** Interpolation from map  
**Location Description:** The spill occurred in the ditch on the East side of Highway 49 approximately 7 miles south of Beulah, ND.  
**Submitted By:** Carlie Schmidt      **Affiliation:** Office Manager  
**Address:** PO Box 177  
**City:** Mandan      **State:** ND      **Zip:** 58554

## Received By:

**Contact Person:** John Yantzer  
PO Box 177  
Mandan, ND 58554

**Distance Nearest Occupied Building:** 500 Feet      **Release Contained:** Yes  
**Type of Incident:** Vehicle Accident  
**Description of Released Contaminant:** Sulfuric Acid  
**Volume Spilled:** 288.00 gallons      **Ag Related:** No  
**EPA Extremely Hazardous Substance:** Yes      **Reported to NRC:** Unknown

## Cause of Incident:

Our company driver was involved in a rollover accident that contained a tanker full of sulfuric acid. The air gauge on top of the trailer was broken off, which caused a small stream of sulfuric acid to leak out of the tanker until the emergency responders were able to plug the leak.

## Risk Evaluation:

Sulfuric Acid is a Packing Group II product, which indicates the degree of danger presented by the product is "medium." It is not listed in the Table 1 - Initial Isolation and Protective Action Distances.

## Health Hazard:

CORROSIVE and/or TOXIC; inhalation, ingestion or contact (skin, eyes) with vapors, dusts or substance may cause severe injury, burns or death.

**# of Fatalities:**      **# of Injuries:**      **Affected Medium:** 03 - soil

## Potential Environmental Impacts:

The spilled product was contained then neutralized with soda ash. The soda ash/acid/soil mixture was then transported to a proper disposal facility by the emergency response cleanup team.

## Action Taken or Planned:

Originally a berm was built up around the spill to contain it before it could reach a stream nearby. Afterward, a hazmat cleanup team excavated the soil, removed the contaminated soil, and it was taken to a proper disposal facility.

**Wastes Disposal Location:**

**Agencies Involved:** NDDDES, State Highway Patrol, Local Fire Department, Local Law Enforcement, Local Emergency Manager

**Updates**

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**Date:** 7/10/2015    **Status:** Inspection

**Author:** Espe, Brady

**Updated Volume:**

**Notes:**

I arrived at the site at 12:30 p.m. The fire department had plugged the hole in tanker. They were still assessing the accident. Later in the day, the clean-up company had placed a dike in the ditch on the north side of the accident, in case any more of the product was lost during the uprighting of the truck and trailer. It did not appear anything flowed away from the accident. They were working on uprighting the truck, so the remaining product could be offloaded onto another truck. The impacted soil will be removed, and confirmation samples will be taken.

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**Date:** 7/15/2015    **Status:** Correspondence

**Author:** Espe, Brady

**Updated Volume:**

**Notes:**

2:00 p.m. I talked to personnel at the Roughrider office. The truck was just released from a truck accident investigation. They were not able to get the entire product out. They will bring the tanker back to the yard and finish offloading. A report will be submitted on Friday or next Monday with the final amount lost.

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**Date:** 7/16/2015    **Status:** Inspection

**Author:** Espe, Brady

**Updated Volume:**

**Notes:**

I arrived at the site at 17:33 p.m. The weather was sunny, 81°F, with the wind from the northwest 5-10 mph. The area impacted in the ditch has been scraped up; the dike has also been removed. There are still two rollovers in the ditch. Further followup needed to check on reclamation of the ditch. 47.17754, -101.78521

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**Date:** 8/4/2015    **Status:** Reviewed - Follow-up Required

**Author:** Crowdus, Kory

**Updated Volume:**

**Notes:**

Release impacted area in roadway ditch. Followup is required.

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**Date:** 9/16/2015   **Status:** Inspection

**Author:** Martin, Russell

**Updated Volume:**

**Notes:**

9/17/2015 at 12:36, on location. Rolloffs removed. Vegetation regrowing in roadside ditch.

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**Date:** 10/14/2015   **Status:** Correspondence

**Author:** Espe, Brady

**Updated Volume:**

**Notes:**

Received incident cleanup report from the cleanup company.

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**Date:** 10/22/2015   **Status:** No Further Action Requested

**Author:** Espe, Brady

**Updated Volume:**

**Notes:**

Sent no further action letter.